

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
 Data File : BF087734.D
 Acq On : 6 Jun 2016 4:21
 Operator : UM/SJ
 Sample : H3397-02
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFFWW

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.861	19	24	26	rVV	1331820	3153544	9.99%	0.717%
2	1.907	26	28	46	rVB	1968622	3258054	10.32%	0.741%
3	2.490	76	79	83	rBV	278895	426889	1.35%	0.097%
4	4.376	241	244	247	rBV	459400	638082	2.02%	0.145%
5	5.039	299	302	304	rBV	745721	885041	2.80%	0.201%
6	5.416	332	335	337	rBV	712443	1079494	3.42%	0.246%
7	5.519	341	344	349	rVB	375558	748841	2.37%	0.170%
8	5.873	366	375	377	rBV	3324658	11988177	37.98%	2.728%
9	6.204	401	404	406	rVB	1113596	1502544	4.76%	0.342%
10	6.513	427	431	434	rVV	648377	1331463	4.22%	0.303%
11	6.627	435	441	444	rVV2	1402621	2384980	7.56%	0.543%
12	6.856	459	461	464	rBV	616679	637962	2.02%	0.145%
13	6.982	465	472	473	rBV	4513882	14913670	47.25%	3.393%
14	7.016	473	475	481	rVB	1946174	2495479	7.91%	0.568%
15	7.256	494	496	500	rBV	1062300	1395097	4.42%	0.317%
16	7.382	501	507	508	rVV	240947	828652	2.63%	0.189%
17	7.427	508	511	513	rVV	1742038	2048557	6.49%	0.466%
18	7.473	513	515	517	rVV3	409896	600098	1.90%	0.137%
19	7.519	517	519	521	rVV	1317444	1725210	5.47%	0.393%
20	7.896	521	552	554	rVV	3045032	31563113	100.00%	7.181%
21	8.136	560	573	575	rBV	2520289	10535285	33.38%	2.397%
22	8.205	578	579	582	rVB2	2016989	2867760	9.09%	0.652%
23	8.605	611	614	617	rVV4	268190	555487	1.76%	0.126%
24	8.707	617	623	625	rVV2	154614	456093	1.45%	0.104%
25	8.742	625	626	631	rVV2	640151	1022540	3.24%	0.233%
26	8.822	631	633	635	rVV	716784	1005410	3.19%	0.229%
27	9.119	656	659	663	rBV2	313074	507847	1.61%	0.116%
28	9.222	666	668	670	rVV	2384688	3578628	11.34%	0.814%
29	9.256	670	671	674	rVV2	824219	1595454	5.05%	0.363%
30	9.313	674	676	678	rVV2	1488834	1665648	5.28%	0.379%
31	9.405	681	684	686	rVB2	317314	485489	1.54%	0.110%
32	9.473	686	690	692	rBV2	646548	1132852	3.59%	0.258%
33	9.759	708	715	717	rVV	4968564	16303409	51.65%	3.709%
34	9.850	721	723	724	rVV	737559	1103457	3.50%	0.251%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.896	724	727	729	rVV2	1215058	2656967	8.42%	0.605%
36	9.930	729	730	733	rVV2	710877	1219715	3.86%	0.278%
37	9.999	733	736	738	rVV	383511	562682	1.78%	0.128%
38	10.033	738	739	741	rVV	442193	453505	1.44%	0.103%
39	10.159	747	750	752	rVV	778185	935297	2.96%	0.213%
40	10.228	754	756	760	rVV	1495973	2086014	6.61%	0.475%
41	10.296	760	762	764	rVV2	399105	561403	1.78%	0.128%
42	10.342	764	766	767	rVV	531136	690592	2.19%	0.157%
43	10.525	778	782	786	rVB2	224006	520615	1.65%	0.118%
44	10.685	794	796	797	rBV	918173	1261483	4.00%	0.287%
45	10.731	797	800	803	rVV	4669529	9668587	30.63%	2.200%
46	10.948	813	819	828	rVB3	4840974	23204380	73.52%	5.279%
47	11.188	837	840	843	rVB	1648975	1957761	6.20%	0.445%
48	11.256	843	846	849	rVB2	477013	830778	2.63%	0.189%
49	11.325	849	852	853	rBV	373799	366822	1.16%	0.083%
50	11.348	853	854	856	rBV	890423	838537	2.66%	0.191%
51	11.382	856	857	859	rVB2	628013	720050	2.28%	0.164%
52	11.622	875	878	882	rBV	3574081	3928052	12.45%	0.894%
53	11.816	891	895	897	rBV	4710340	8421430	26.68%	1.916%
54	11.874	899	900	903	rVB2	611361	653852	2.07%	0.149%
55	11.954	903	907	911	rBV2	480557	761768	2.41%	0.173%
56	12.125	916	922	925	rBV2	4955031	14684508	46.52%	3.341%
57	12.171	925	926	928	rVB	1154050	1058577	3.35%	0.241%
58	12.216	928	930	937	rVB	468150	1141172	3.62%	0.260%
59	12.376	942	944	945	rBV	399000	691150	2.19%	0.157%
60	12.491	952	954	956	rBV3	216378	395157	1.25%	0.090%
61	12.605	962	964	967	rBV	2423452	3497238	11.08%	0.796%
62	12.696	970	972	975	rVV	645758	1107888	3.51%	0.252%
63	12.754	975	977	979	rVB	386934	518072	1.64%	0.118%
64	12.925	987	992	993	rBV2	4930504	11857084	37.57%	2.698%
65	12.982	995	997	999	rVV2	5652821	7908345	25.06%	1.799%
66	13.154	1006	1012	1014	rBV	4932858	12199407	38.65%	2.776%
67	13.188	1014	1015	1022	rVB2	394230	633215	2.01%	0.144%
68	13.291	1022	1024	1029	rBV	894809	1069109	3.39%	0.243%
69	13.371	1029	1031	1034	rVB3	202265	343535	1.09%	0.078%
70	13.451	1037	1038	1042	rVB2	302878	425195	1.35%	0.097%
71	13.565	1045	1048	1050	rBV	1427565	2003915	6.35%	0.456%

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Integration Parameters: rteint.p
Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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72	13.599	1050	1051	1053	rVV	1990250	2496628	7.91%	0.568%
73	13.668	1053	1057	1060	rVB	5033800	12995111	41.17%	2.957%
74	13.782	1065	1067	1068	rBV	508707	760969	2.41%	0.173%
75	13.839	1068	1072	1078	rVB3	5104018	15363654	48.68%	3.495%
76	13.988	1083	1085	1086	rBV	604016	477727	1.51%	0.109%
77	14.057	1086	1091	1094	rBV2	4783180	10502513	33.27%	2.389%
78	14.319	1111	1114	1116	rBV	4352242	4922535	15.60%	1.120%
79	14.479	1125	1128	1133	rVV3	4764313	12142098	38.47%	2.763%
80	14.685	1143	1146	1150	rVV2	5007293	13678057	43.34%	3.112%
81	14.891	1160	1164	1169	rBV	4400078	8836262	28.00%	2.010%
82	15.005	1172	1174	1177	rVB	1148515	1634802	5.18%	0.372%
83	15.062	1177	1179	1181	rBV	463201	703078	2.23%	0.160%
84	15.131	1181	1185	1186	rVV	2766507	3688375	11.69%	0.839%
85	15.177	1186	1189	1194	rVB	4406088	9928533	31.46%	2.259%
86	15.382	1202	1207	1210	rBV2	4315049	9790196	31.02%	2.227%
87	15.462	1211	1214	1217	rVB	558205	725147	2.30%	0.165%
88	15.680	1226	1233	1236	rBV2	4963506	16679971	52.85%	3.795%
89	15.771	1239	1241	1245	rVB	245955	374547	1.19%	0.085%
90	15.920	1249	1254	1260	rBV	3324928	7002697	22.19%	1.593%
91	16.262	1279	1284	1289	rVB	1561274	2915479	9.24%	0.663%
92	16.640	1309	1317	1322	rBV	3190514	8264137	26.18%	1.880%
93	16.811	1327	1332	1340	rVV	887228	2009292	6.37%	0.457%
94	17.074	1343	1355	1370	rVB	4013637	15587026	49.38%	3.546%
95	17.417	1379	1385	1402	rVB	1280674	4171687	13.22%	0.949%
96	17.966	1428	1433	1438	rBV	626751	1668948	5.29%	0.380%
97	18.171	1443	1451	1467	rVB	964696	5465547	17.32%	1.244%
98	18.548	1472	1484	1493	rBV	1531761	4973223	15.76%	1.131%
99	19.017	1516	1525	1533	rBV	900369	4101371	12.99%	0.933%
100	19.211	1533	1542	1569	rVB	2119935	9415101	29.83%	2.142%

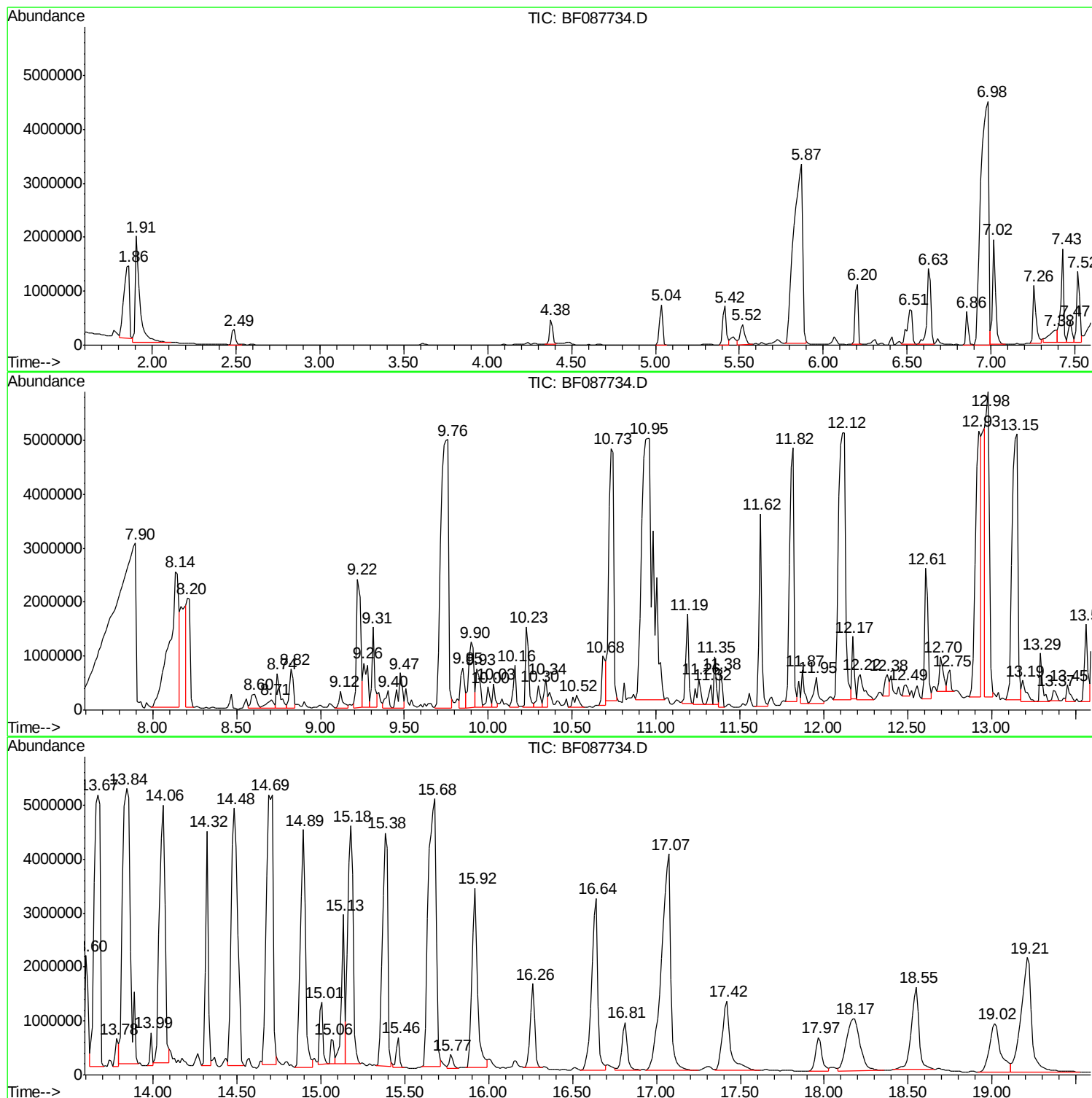
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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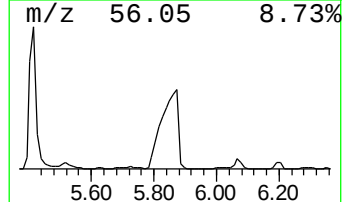
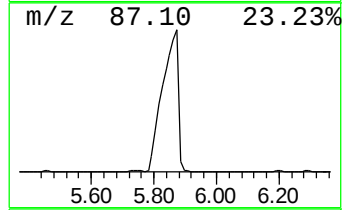
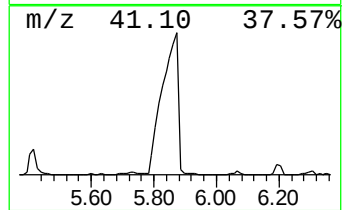
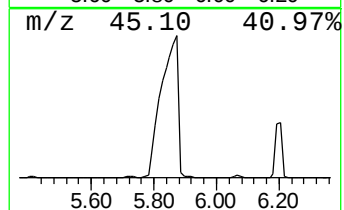
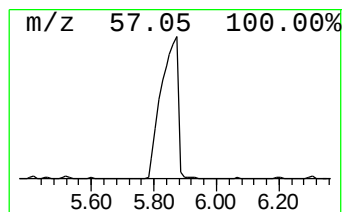
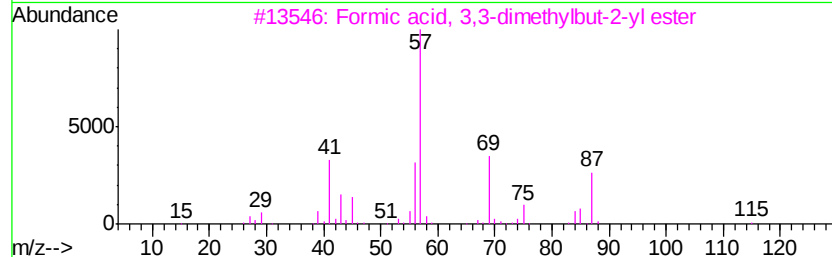
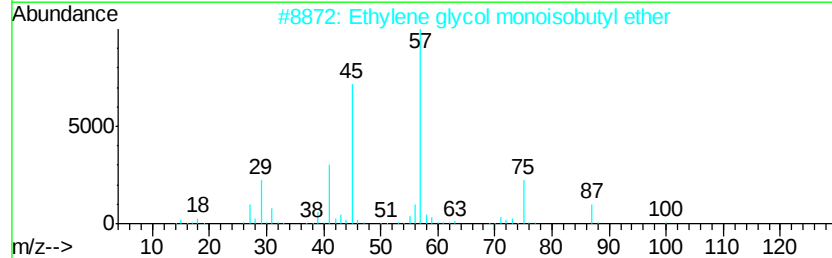
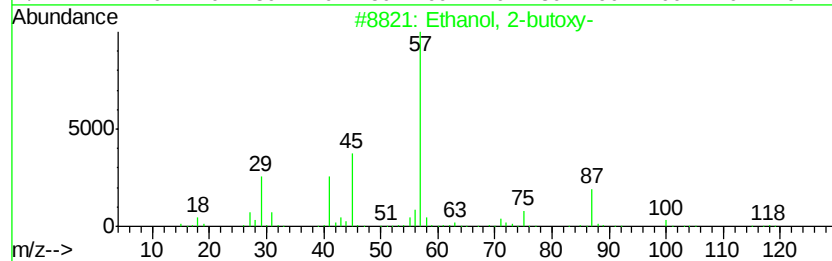
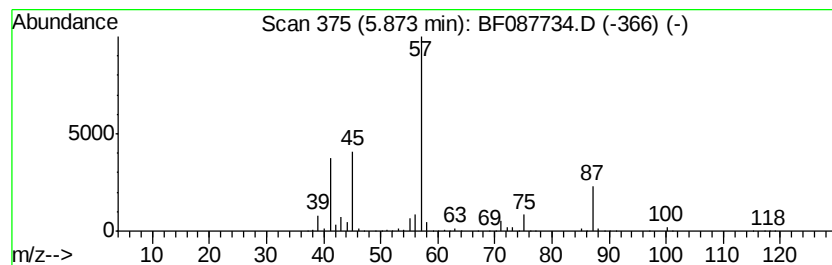
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Ethanol, 2-butoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.87	375.83 ng	11988200	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	78
2		Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	53
3		Formic acid, 3,3-dimethylbut-2-yl...	130	C7H14O2	1000368-20-5	40
4		3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	38
5		Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	12



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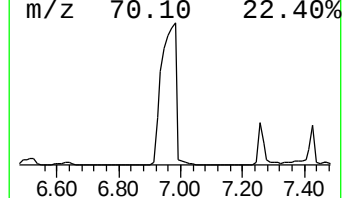
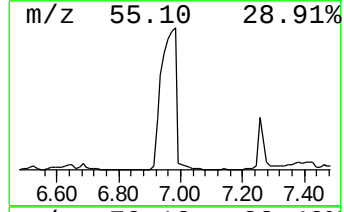
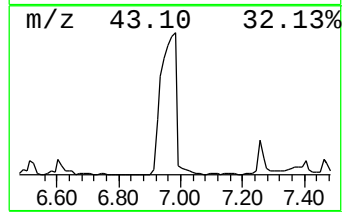
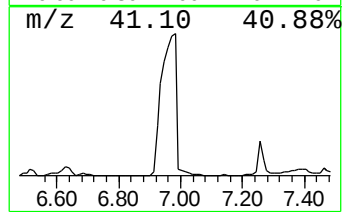
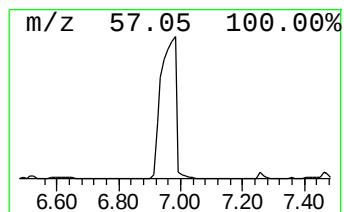
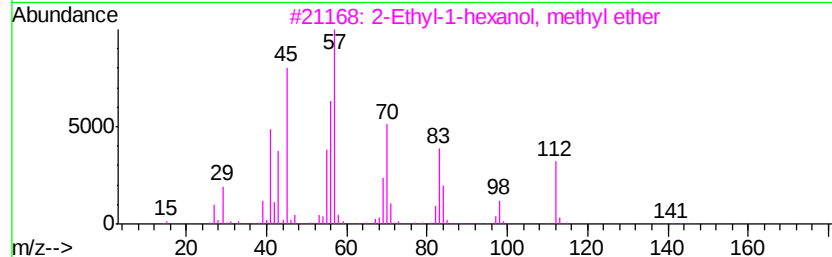
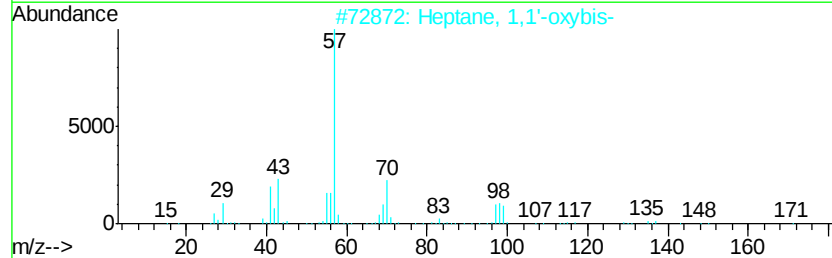
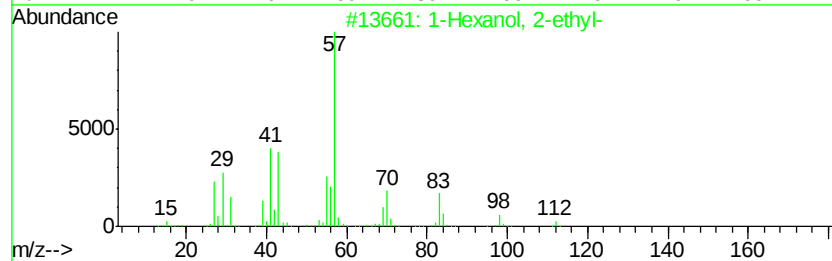
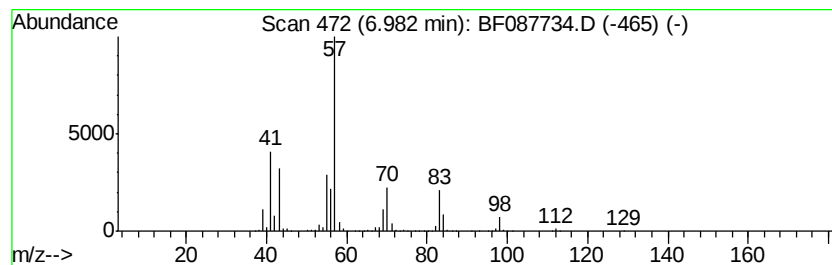
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	467.54 ng	14913700	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2		Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	59
3		2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	50
4		2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50
5		Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	43



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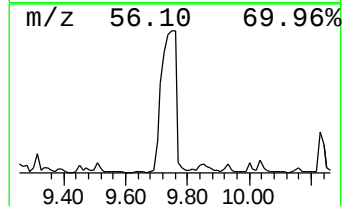
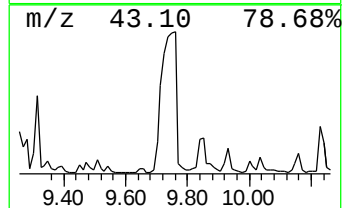
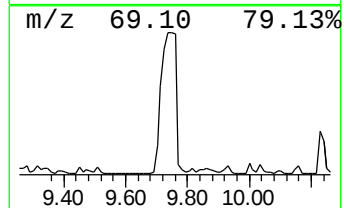
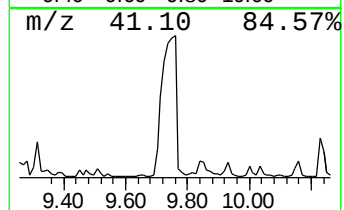
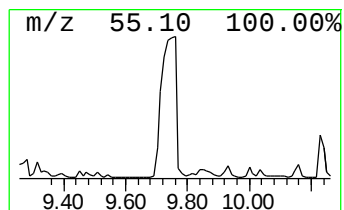
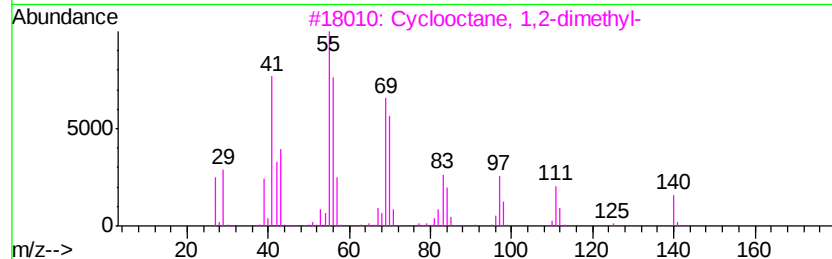
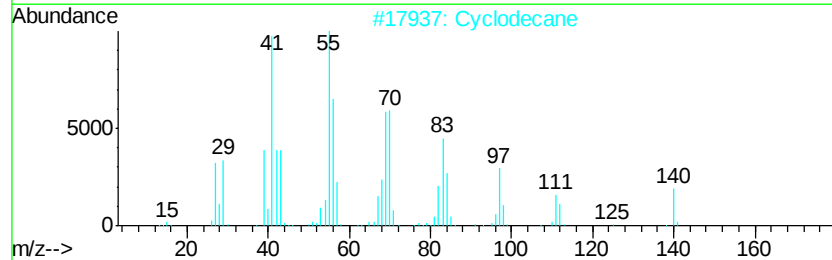
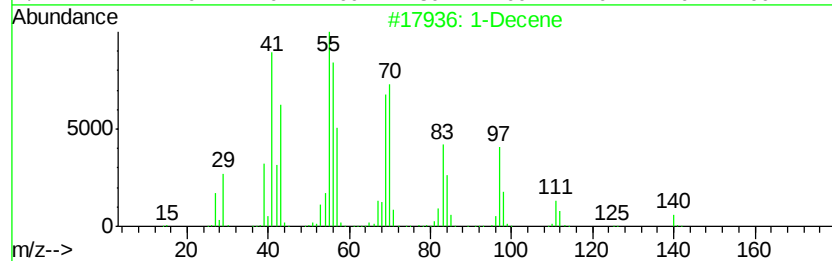
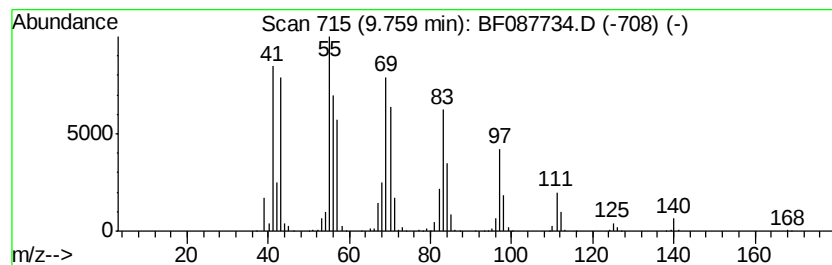
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Decene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	122.72 ng	16303400	Acenaphthene-d10	9.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decene	140	C10H20	000872-05-9	95
2		Cyclodecane	140	C10H20	000293-96-9	95
3		Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	94
4		1-Dodecanol	186	C12H26O	000112-53-8	91
5		1-Undecanol	172	C11H24O	000112-42-5	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087734.D
Acq On : 6 Jun 2016 4:21
Operator : UM/SJ
Sample : H3397-02
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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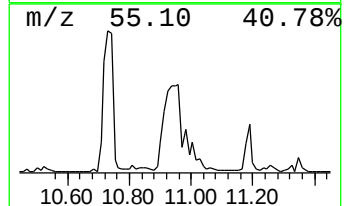
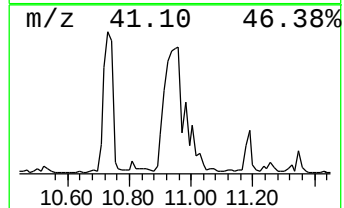
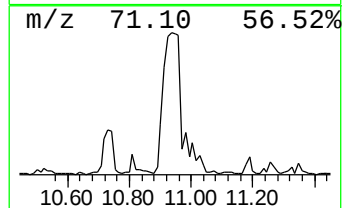
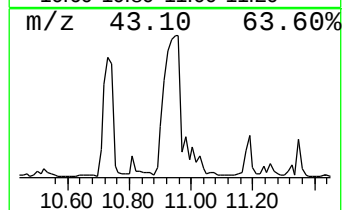
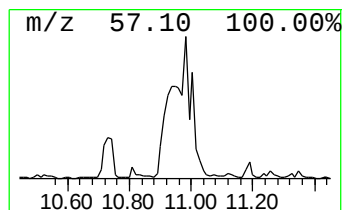
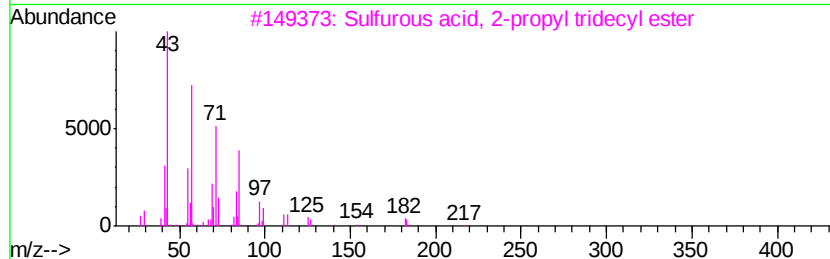
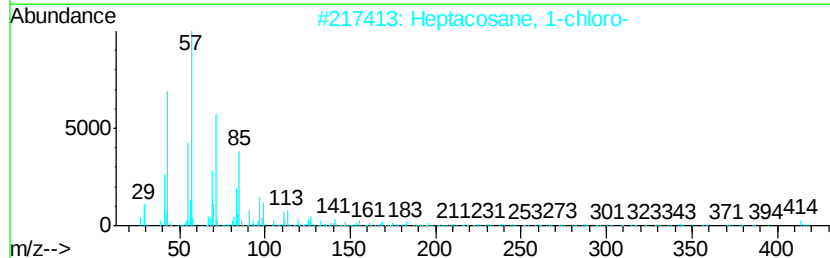
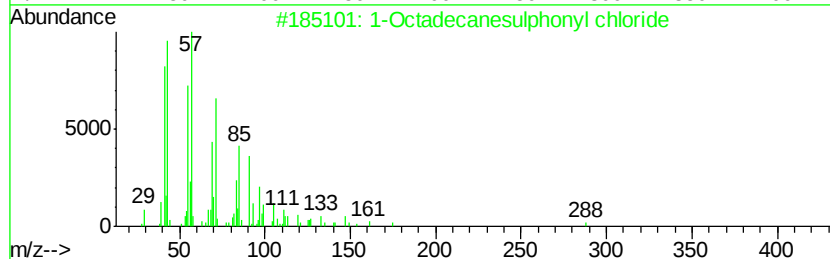
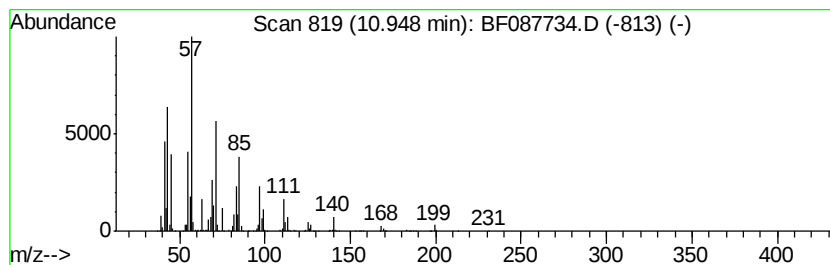
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Octadecanesulphonyl chloride Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	644.52 ng	23204400	Phenanthrene-d10	11.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	62
2		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	58
3		Sulfurous acid, 2-propyl tridecyl...	306	C16H34O3S	1000309-12-4	58
4		Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	58
5		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
Data File : BF087734.D
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Operator : UM/SJ
Sample : H3397-02
Misc :
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ClientSampleId :
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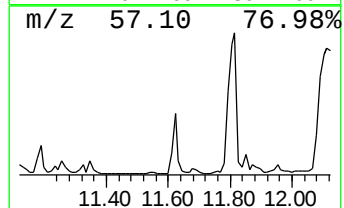
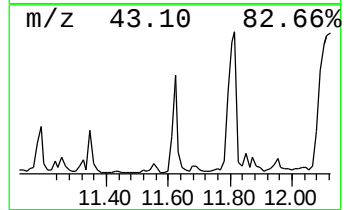
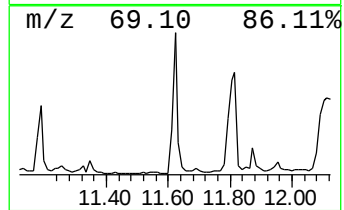
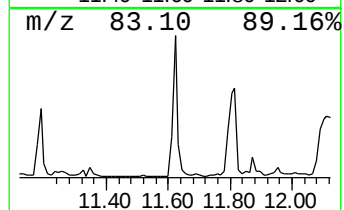
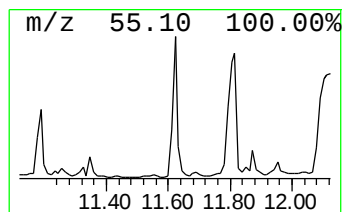
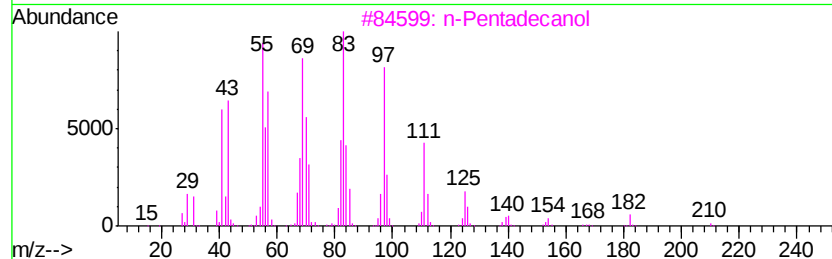
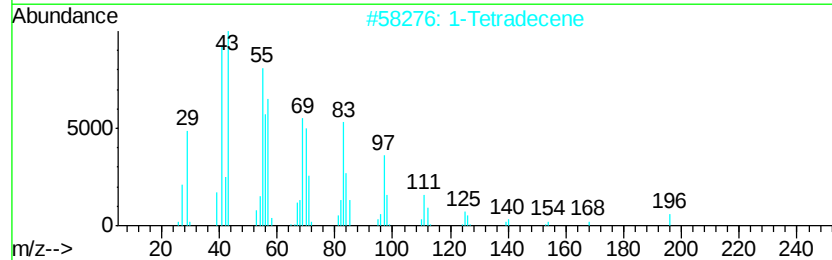
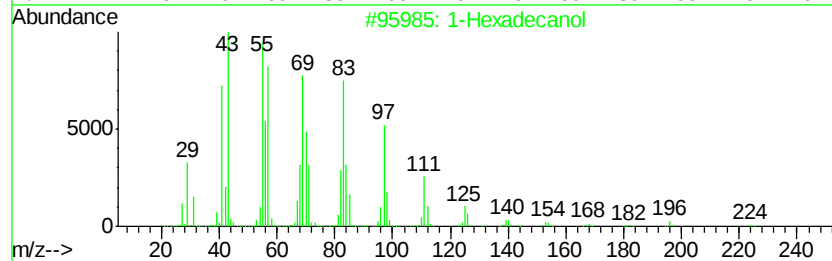
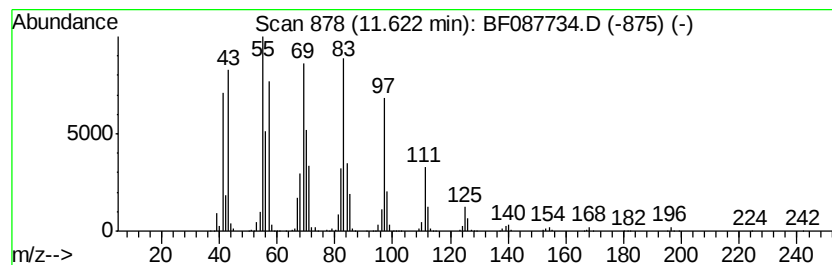
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1-Hexadecanol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	109.11 ng	3928050	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexadecanol	242	C16H34O	036653-82-4	94
2		1-Tetradecene	196	C14H28	001120-36-1	91
3		n-Pentadecanol	228	C15H32O	000629-76-5	91
4		n-Tridecan-1-ol	200	C13H28O	000112-70-9	91
5		9-Eicosene, (E)-	280	C20H40	074685-29-3	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
Data File : BF087734.D
Acq On : 6 Jun 2016 4:21
Operator : UM/SJ
Sample : H3397-02
Misc :
ALS Vial : 70 Sample Multiplier: 1

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ClientSampleId :
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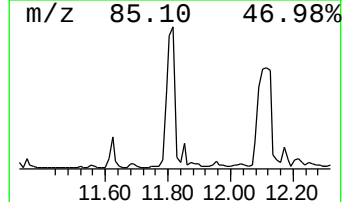
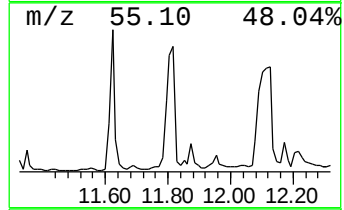
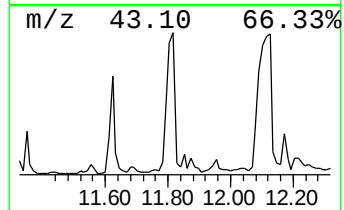
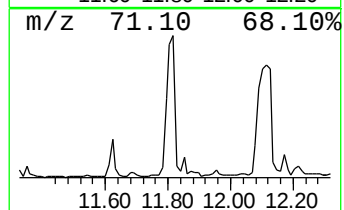
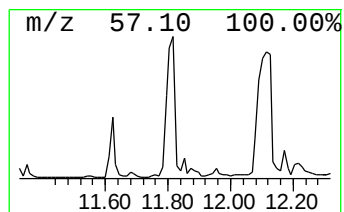
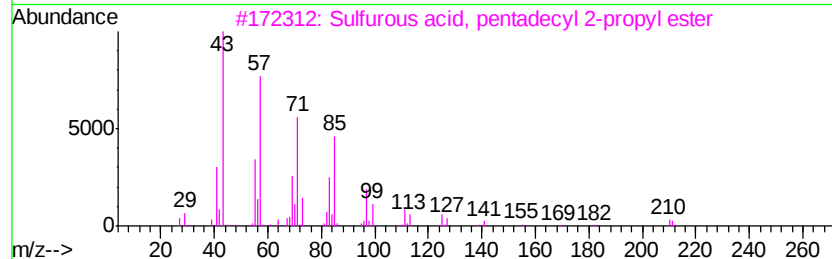
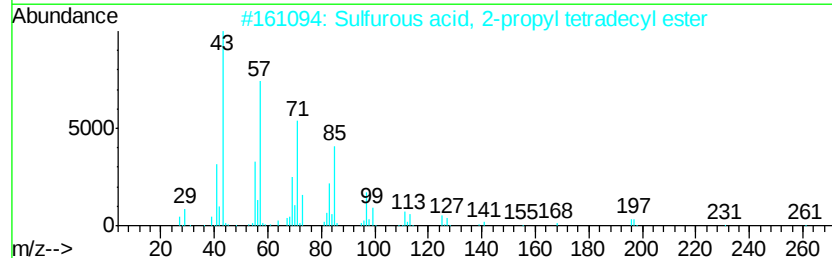
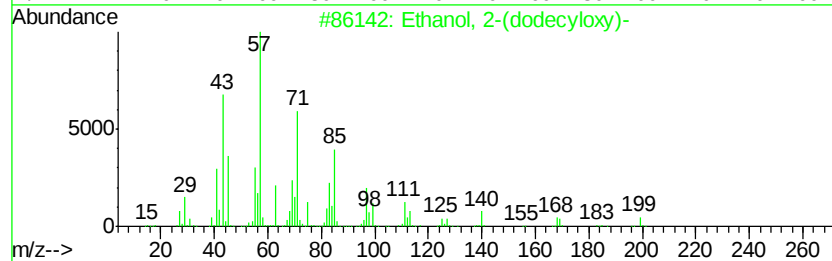
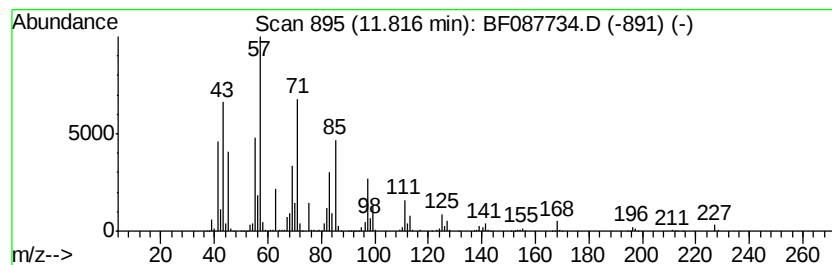
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Ethanol, 2-(dodecyloxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	233.91 ng	8421430	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	91
2		Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	62
3		Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	62
4		Tritetracontane	605	C43H88	007098-21-7	58
5		Tetratetracontane	619	C44H90	007098-22-8	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087734.D
Acq On : 6 Jun 2016 4:21
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Sample : H3397-02
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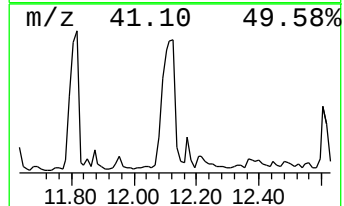
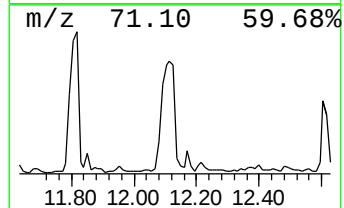
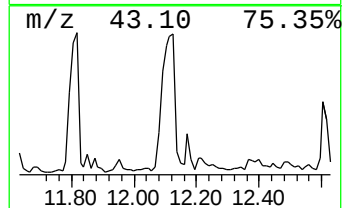
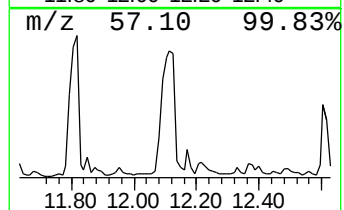
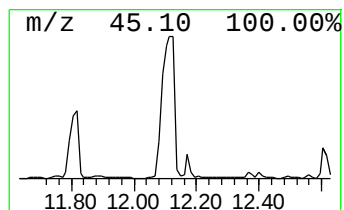
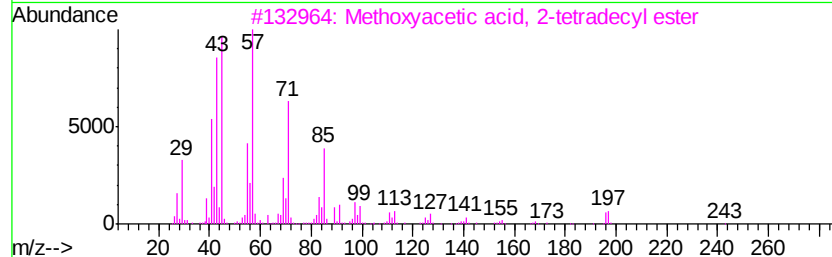
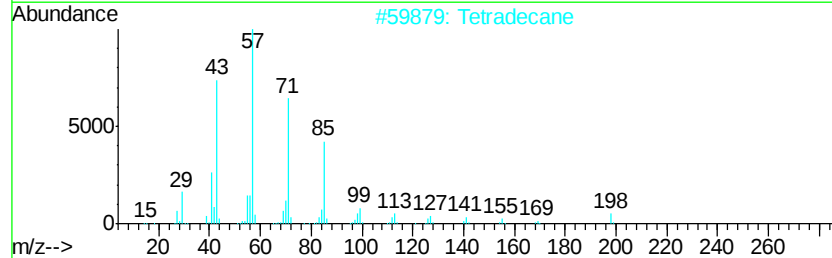
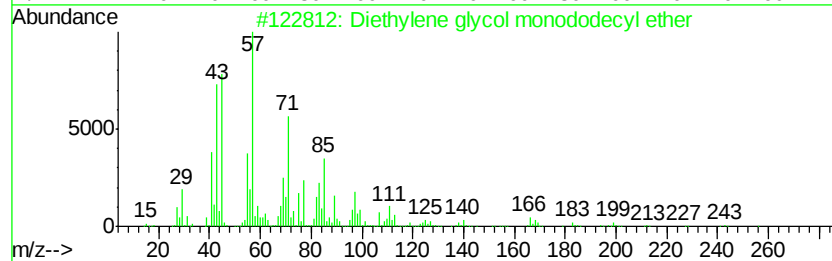
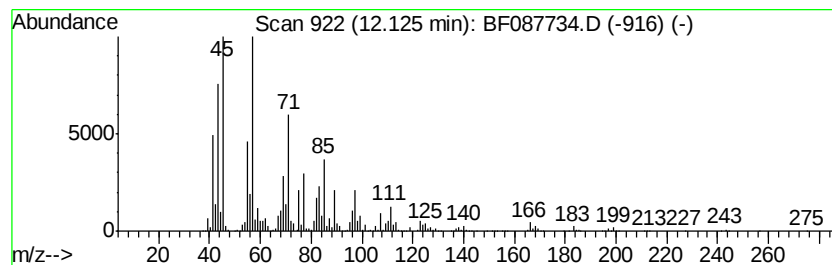
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Diethylene glycol monododec... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	407.88 ng	14684500	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diethylene glycol monododecyl ether	274	C16H34O3	003055-93-4	91
2		Tetradecane	198	C14H30	000629-59-4	53
3		Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	52
4		Methoxyacetic acid, 3-tetradecyl...	286	C17H34O3	1000282-04-9	49
5		Methoxyacetic acid, 4-tetradecyl...	286	C17H34O3	1000282-05-0	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
Data File : BF087734.D
Acq On : 6 Jun 2016 4:21
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ClientSampleId :
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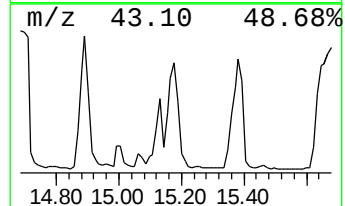
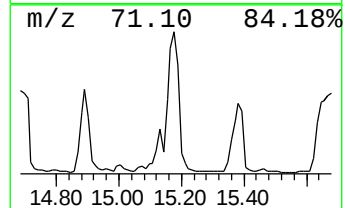
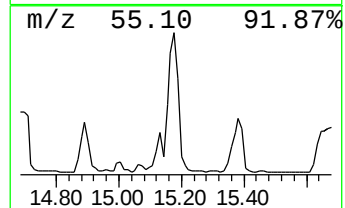
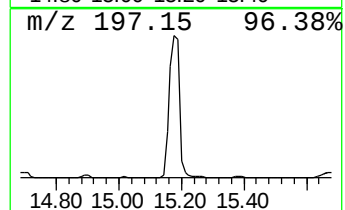
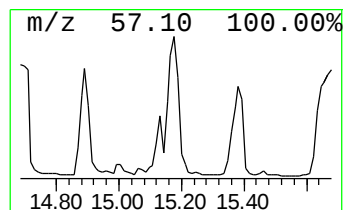
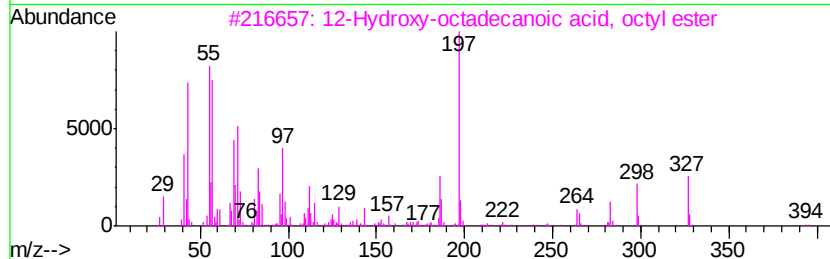
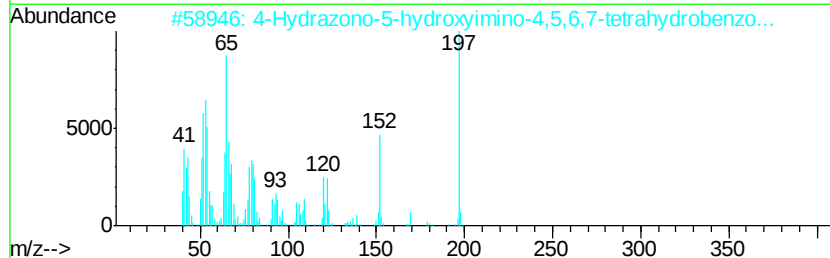
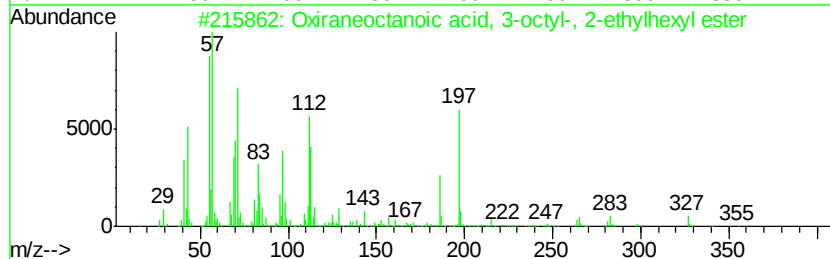
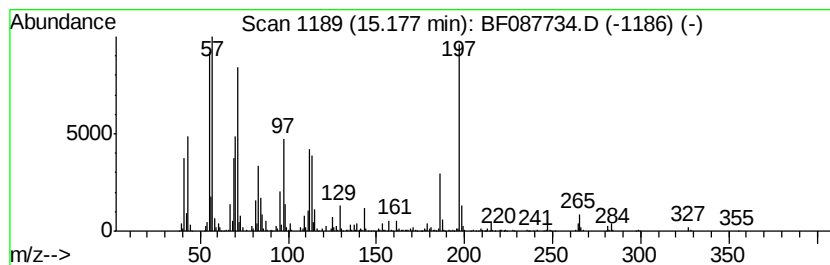
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Oxiraneoctanoic acid, 3-oct... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	273.84 ng	9928530	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxiraneoctanoic acid, 3-octyl-, ...	410	C26H50O3	000141-38-8	89
2		4-Hydrazono-5-hydroxyimino-4,5,6...	197	C6H7N5O3	303194-86-7	59
3		12-Hydroxy-octadecanoic acid, oc...	412	C26H52O3	074819-90-2	53
4		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	43
5		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
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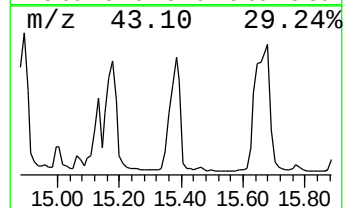
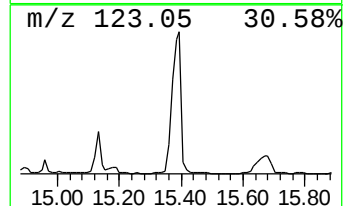
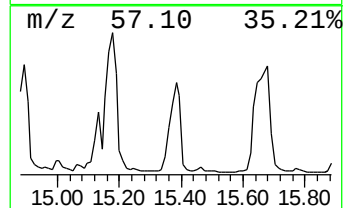
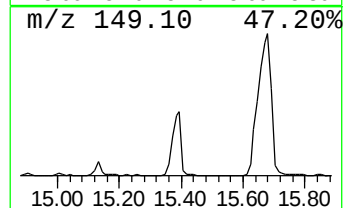
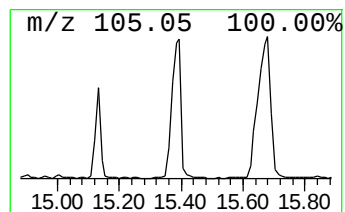
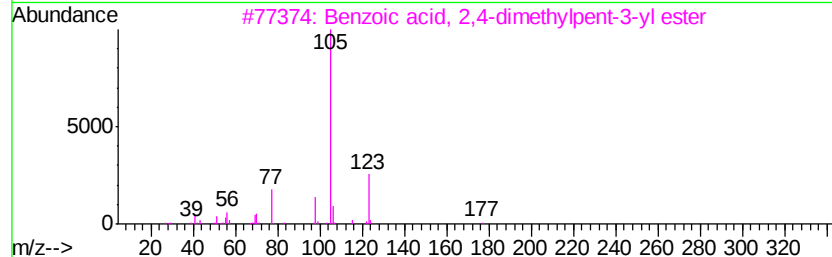
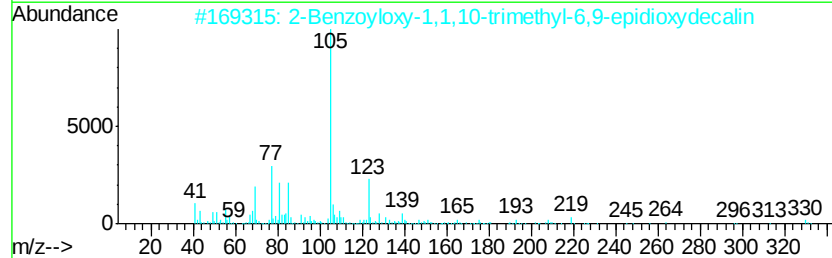
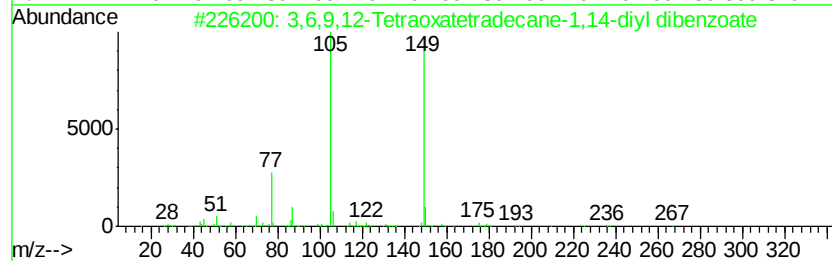
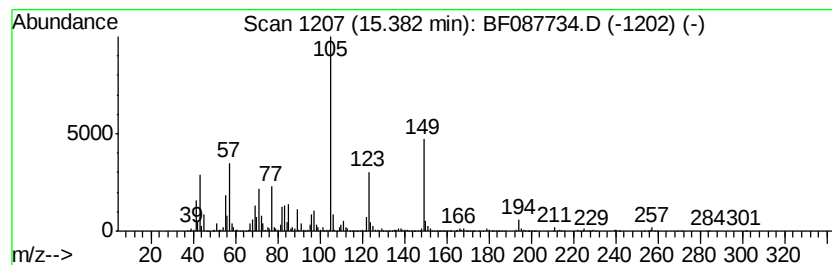
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown15.38 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	270.02 ng	9790200	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,6,9,12-Tetraoxatetradecane-1,1...	446	C24H30O8	1000366-97-0	38
2		2-Benzoyloxy-1,1,10-trimethyl-6,...	330	C20H26O4	108511-83-7	27
3		Benzoic acid, 2,4-dimethylpent-3...	220	C14H20O2	1000368-26-3	22
4		Benzoic acid, hexyl ester	206	C13H18O2	006789-88-4	14
5		Butyl benzoate	178	C11H14O2	000136-60-7	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
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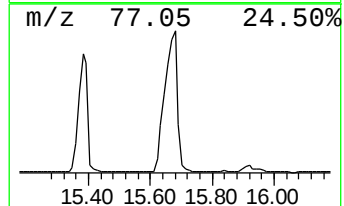
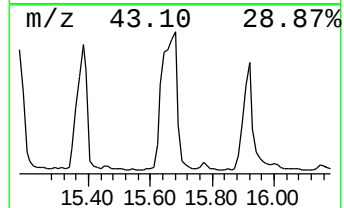
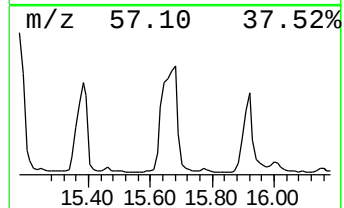
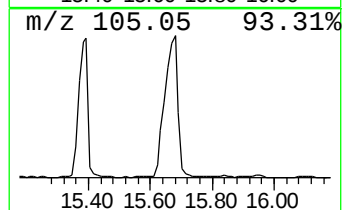
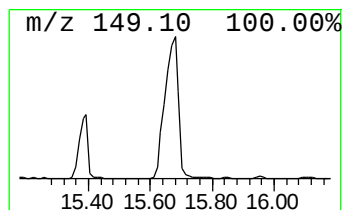
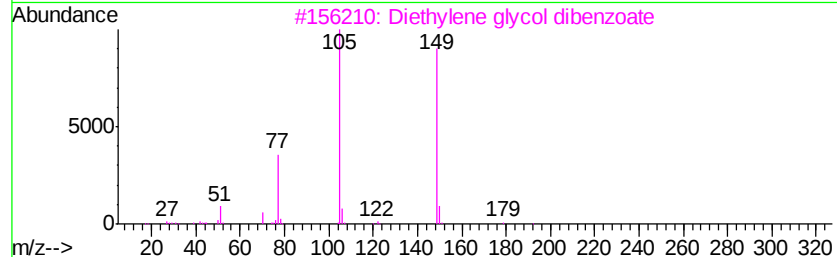
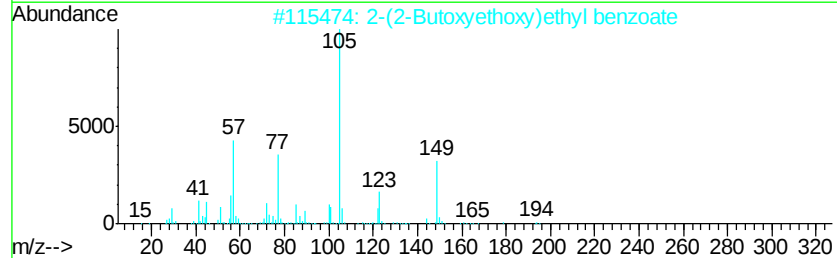
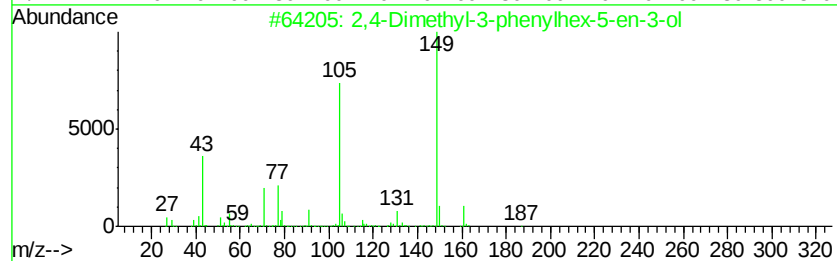
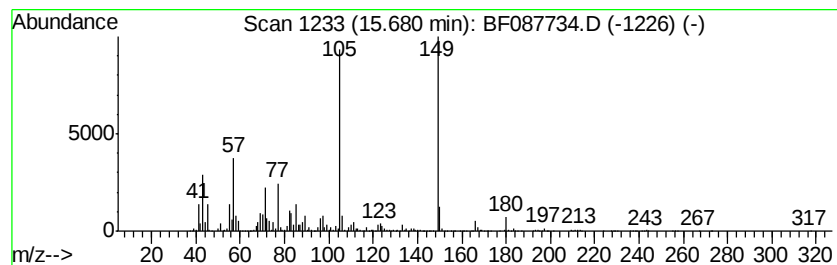
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 2,4-Dimethyl-3-phenylhex-5-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	460.04 ng	16680000	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Dimethyl-3-phenylhex-5-en-3-ol	204	C14H20O	342625-00-7	64
2		2-(2-Butoxyethoxy)ethyl benzoate	266	C15H22O4	1000366-98-4	59
3		Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	53
4		1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	53
5		Ethanol, 2-(4-phenoxyphenoxy)-, ...	334	C21H18O4	055191-59-8	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087734.D
Acq On : 6 Jun 2016 4:21
Operator : UM/SJ
Sample : H3397-02
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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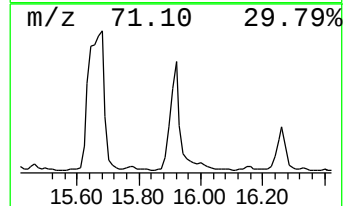
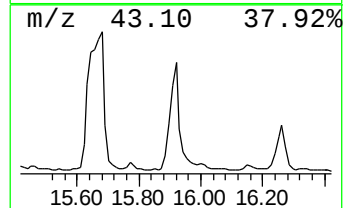
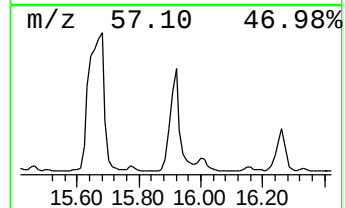
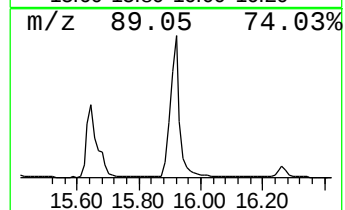
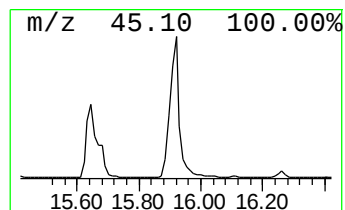
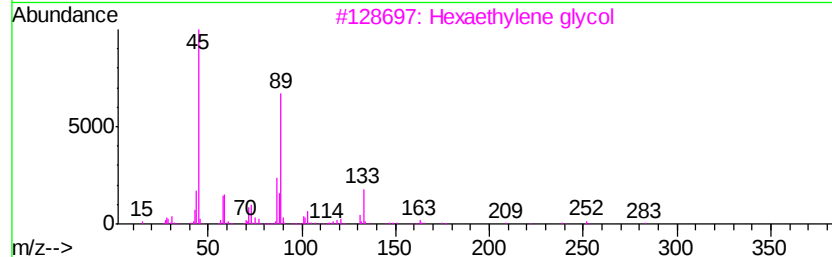
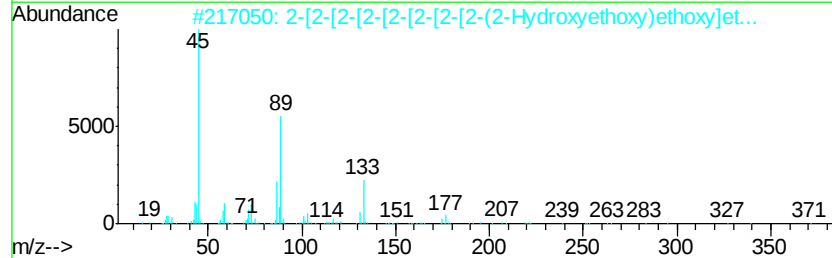
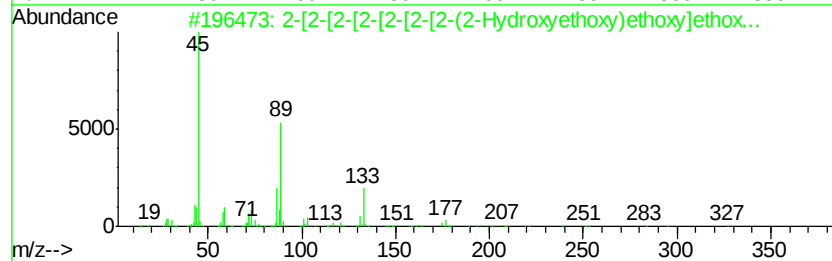
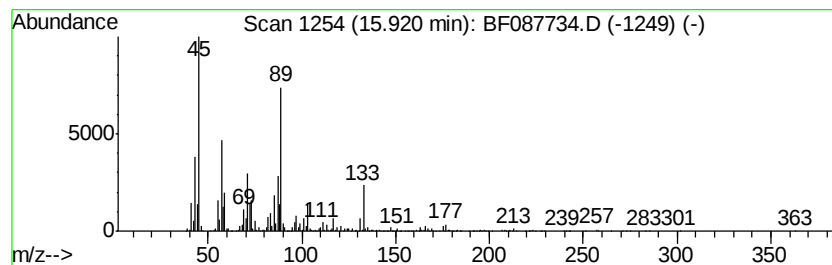
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 2-[2-[2-[2-[2-[2-(2-Hydr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	193.14 ng	7002700	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-[2-[2-[2-[2-[2-(2-Hydroxvet...	370	C16H3409	005117-19-1	91
2		2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38010	1000352-12-5	91
3		Hexaethylene glycol	282	C12H2607	002615-15-8	90
4		2-[2-[2-[2-[2-(2-Methoxvethox...	340	C15H3208	1000352-04-1	87
5		2-[2-[2-[2-[2-(2-Methoxyet...	384	C17H3609	1000352-04-2	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
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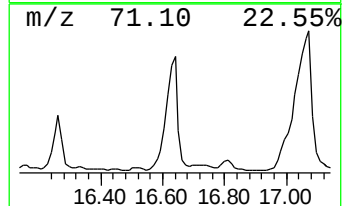
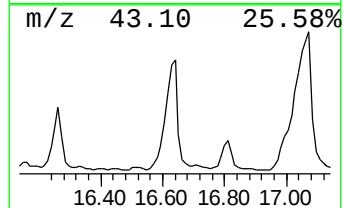
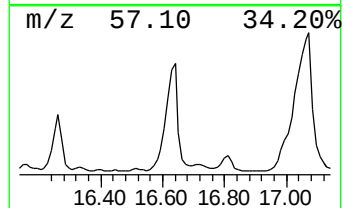
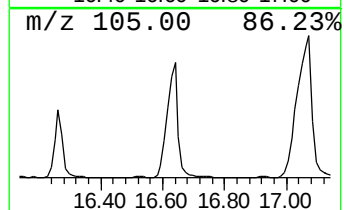
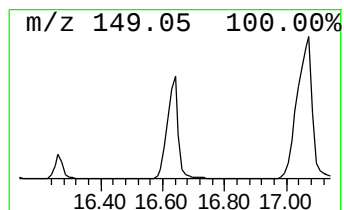
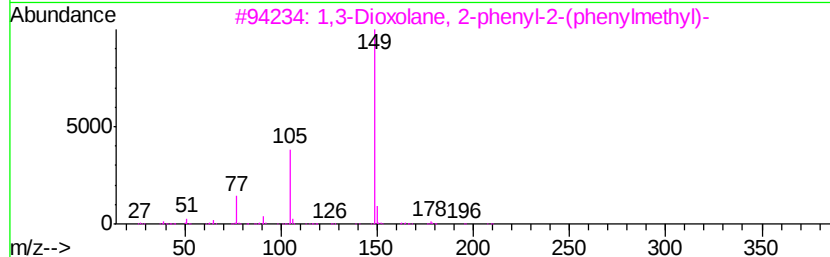
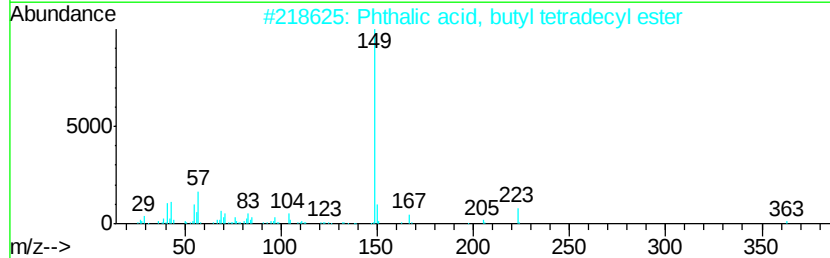
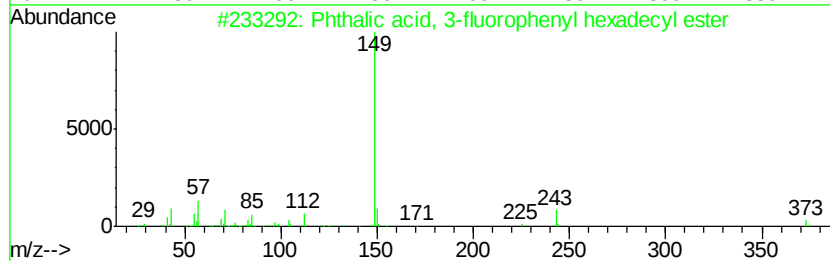
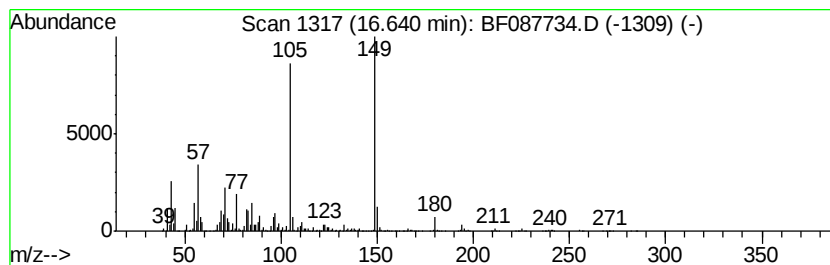
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Phthalic acid, 3-fluorophen... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	227.93 ng	8264140	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, 3-fluorophenyl he...	484	C30H41F04	1000356-66-4	59
2		Phthalic acid, butyl tetradecyl ...	418	C26H42O4	1000308-91-3	50
3		1,3-Dioxolane, 2-phenyl-2-(phenyl...	240	C16H16O2	004362-19-0	50
4		1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-18-9	50
5		Phthalic acid, undec-2-en-1-yl u...	472	C30H48O4	1000315-42-2	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
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Operator : UM/SJ
Sample : H3397-02
Misc :
ALS Vial : 70 Sample Multiplier: 1

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ClientSampleId :
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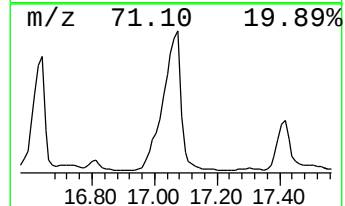
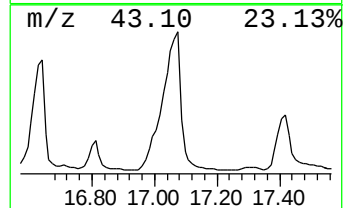
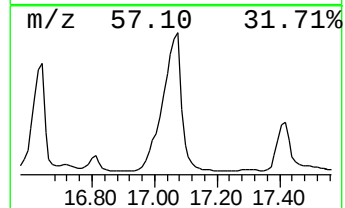
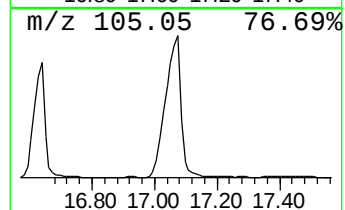
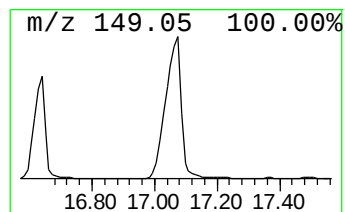
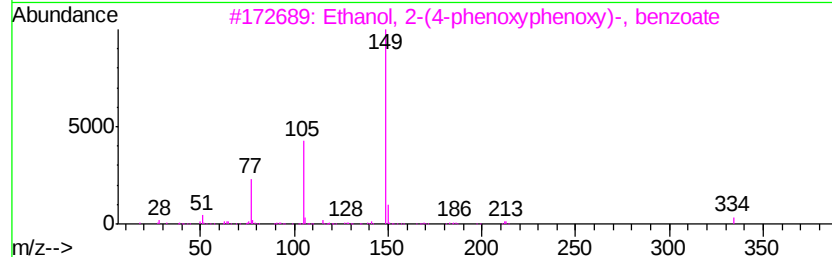
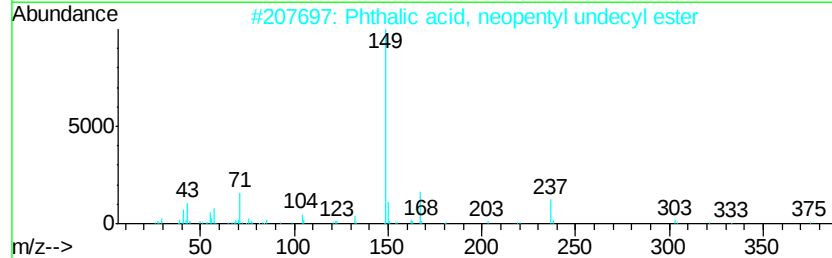
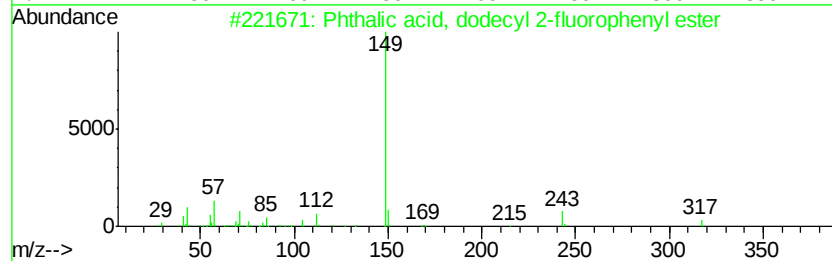
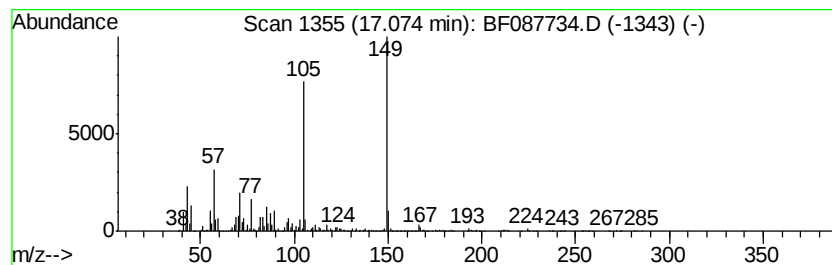
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Phthalic acid, dodecyl 2-fl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.07	429.90 ng	15587000	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, dodecyl 2-fluorop...	428	C26H33F04	1000356-15-1	50
2		Phthalic acid, neopentyl undecyl...	390	C24H38O4	1000309-07-4	50
3		Ethanol, 2-(4-phenoxyphenoxy)-, ...	334	C21H18O4	055191-59-8	50
4		Phthalic acid, di(2-methylbutyl)...	306	C18H26O4	1000322-82-5	50
5		Phthalic acid, decyl neopentyl e...	376	C23H36O4	1000315-30-3	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
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Acq On : 6 Jun 2016 4:21
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Sample : H3397-02
Misc :
ALS Vial : 70 Sample Multiplier: 1

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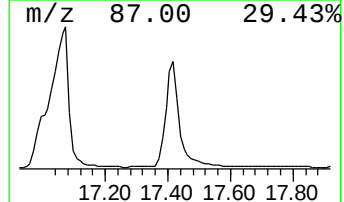
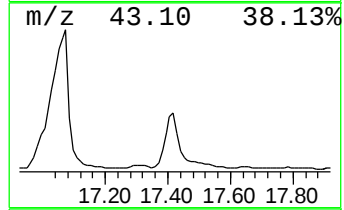
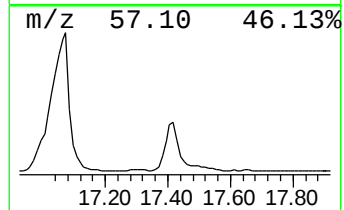
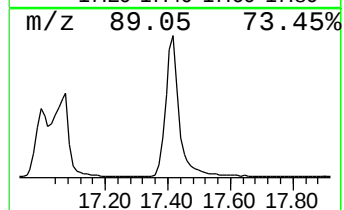
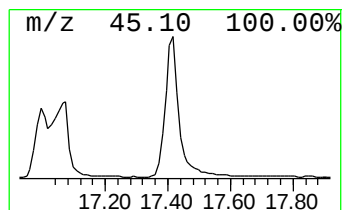
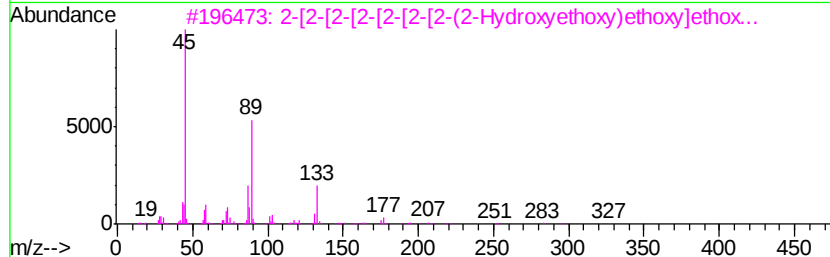
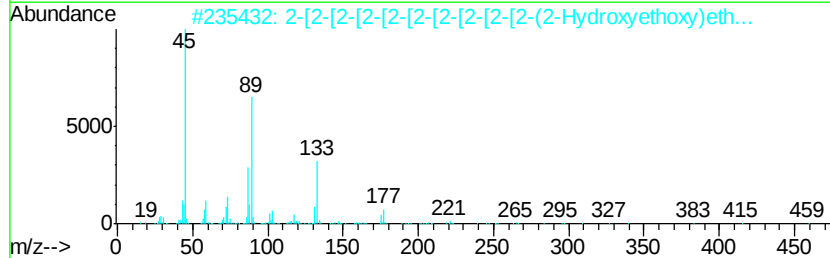
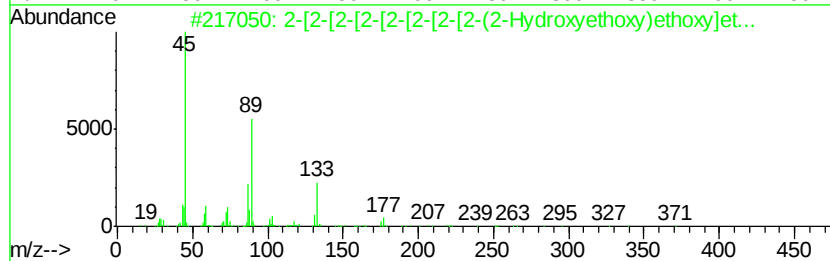
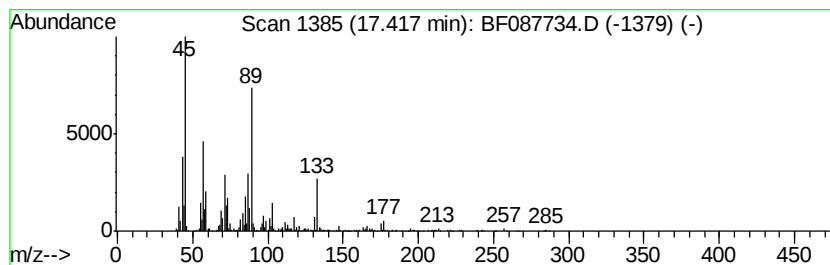
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 2-[2-[2-[2-[2-[2-[2-(2-H... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	115.06 ng	4171690	Perylene-d12	15.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	91		
2	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	1000352-13-2	91		
3	2-[2-[2-[2-[2-[2-[2-(2-Hydroxvet...	370	C16H34O9	005117-19-1	91		
4	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-Hyd...	458	C20H42O11	1000352-12-6	91		
5	Heptaethylene glycol	326	C14H30O8	005617-32-3	91		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
Data File : BF087734.D
Acq On : 6 Jun 2016 4:21
Operator : UM/SJ
Sample : H3397-02
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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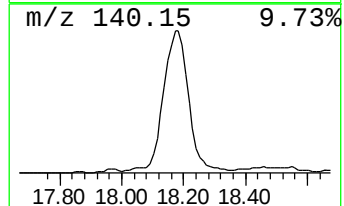
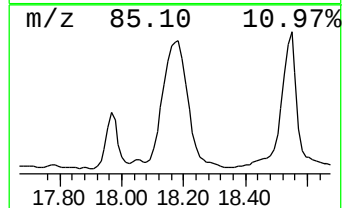
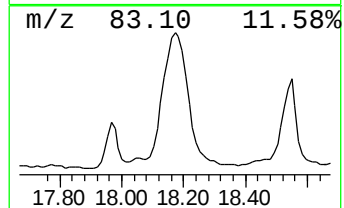
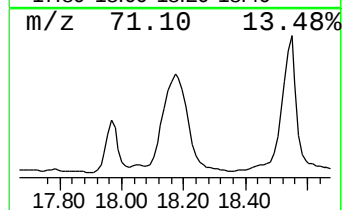
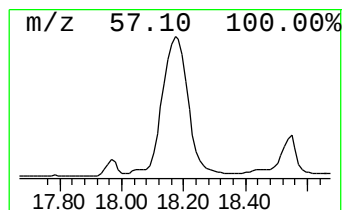
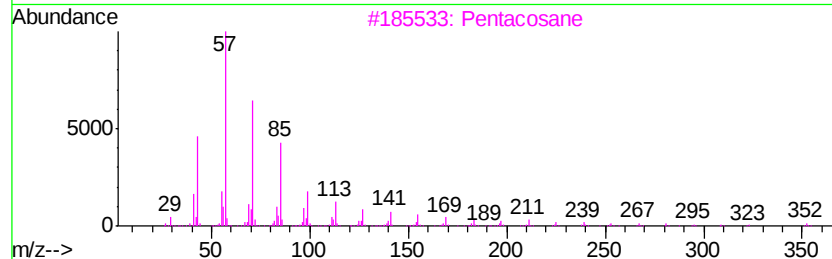
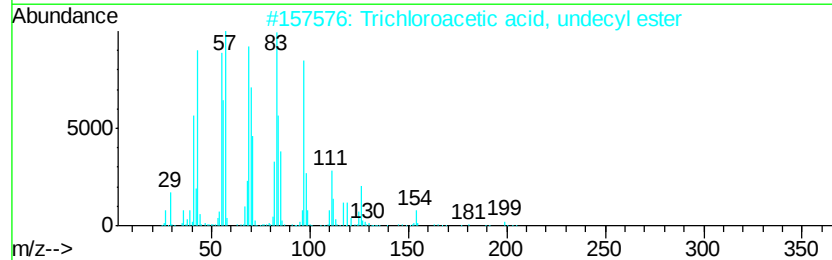
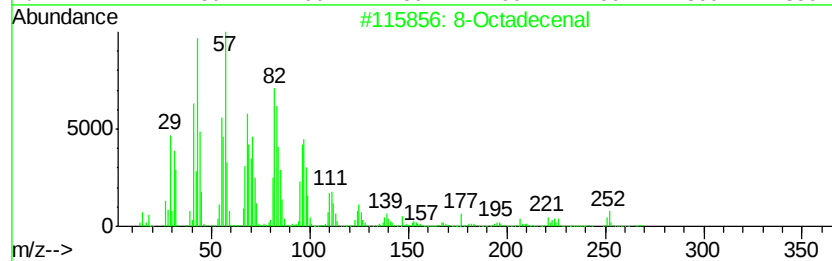
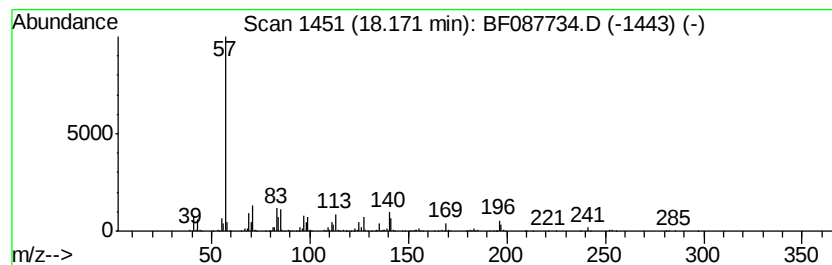
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 8-Octadecenal Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	150.74 ng	5465550	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8-Octadecenal	266	C18H34O	056554-94-0	53
2		Trichloroacetic acid, undecyl ester	316	C13H23Cl3O2	074339-49-4	42
3		Pentacosane	352	C25H52	000629-99-2	38
4		triacontane	422	C30H62	000638-68-6	38
5		Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
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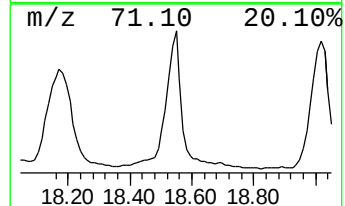
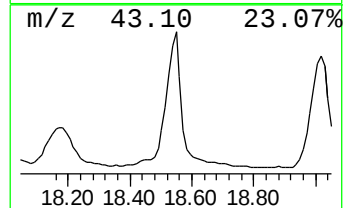
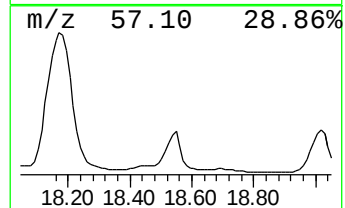
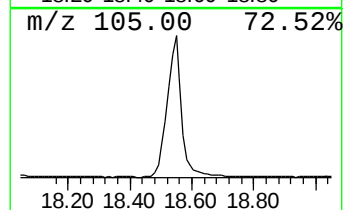
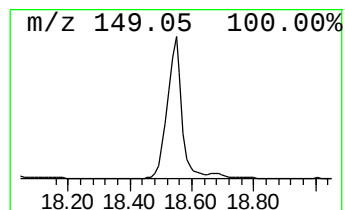
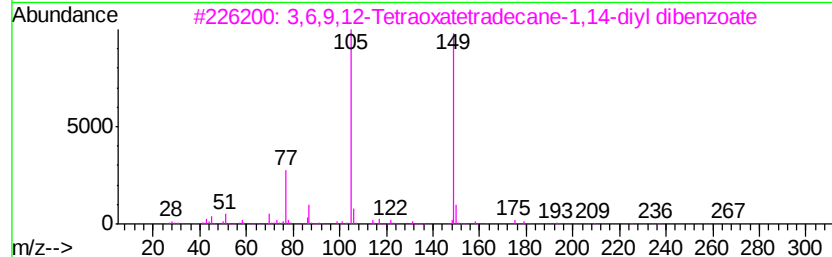
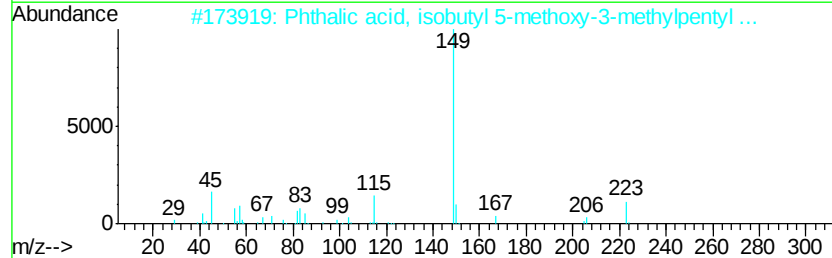
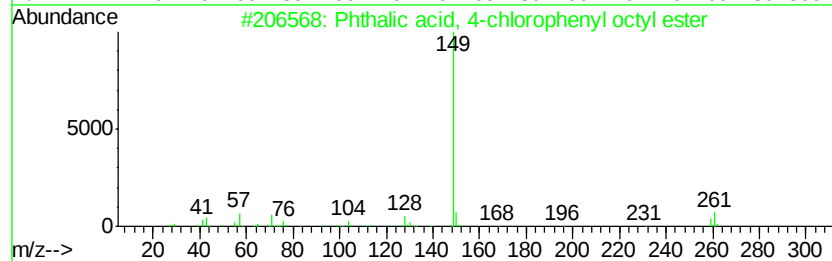
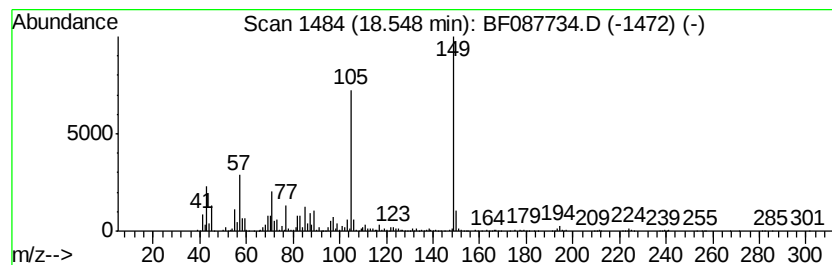
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Phthalic acid, 4-chlorophen... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	137.17 ng	4973220	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, 4-chlorophenyl oc...	388	C22H25ClO4	1000315-25-2	53
2		Phthalic acid, isobutyl 5-methox...	336	C19H28O5	1000314-89-6	53
3		3,6,9,12-Tetraoxatetradecane-1,1...	446	C24H30O8	1000366-97-0	53
4		Phthalic acid, heptadecyl 3-meth...	474	C30H50O4	1000356-81-8	53
5		Phthalic acid, neopentyl undecyl...	390	C24H38O4	1000309-07-4	53



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Sample : H3397-02
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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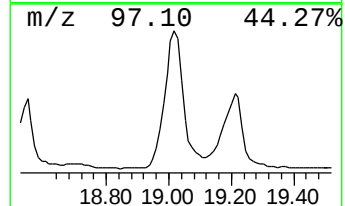
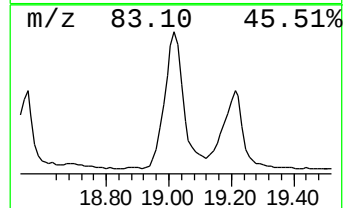
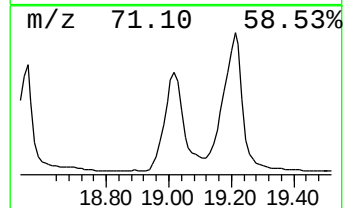
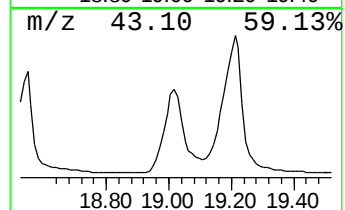
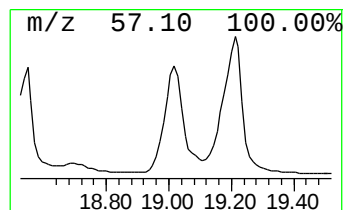
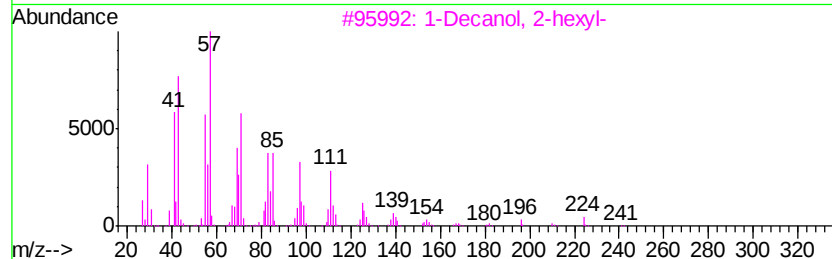
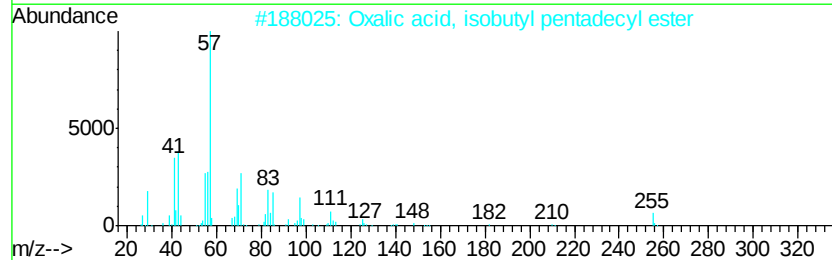
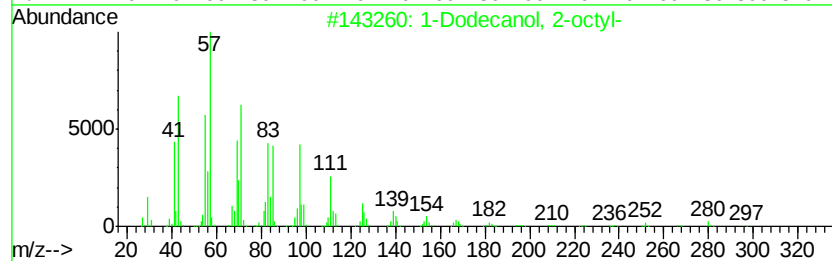
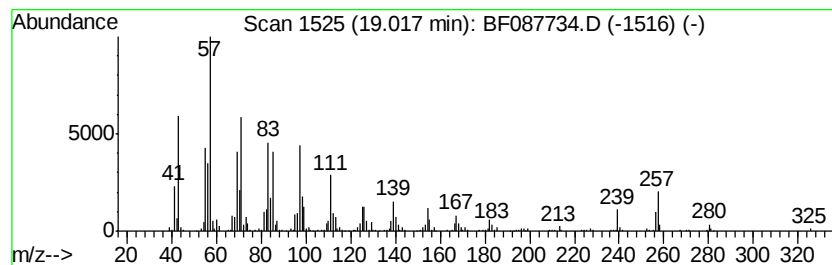
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 1-Dodecanol, 2-octyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	113.12 ng	4101370	Perylene-d12	15.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	93
2			Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	68
3			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	68
4			Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	68
5			1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
Data File : BF087734.D
Acq On : 6 Jun 2016 4:21
Operator : UM/SJ
Sample : H3397-02
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFFWW

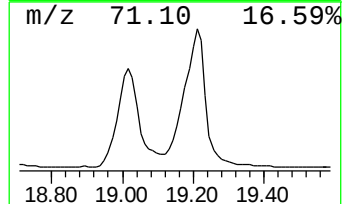
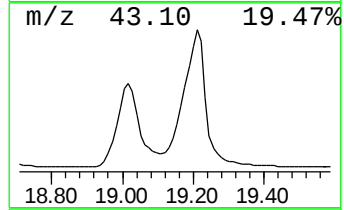
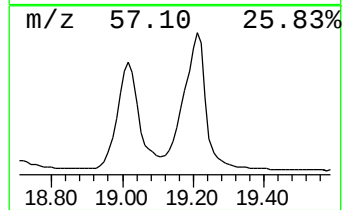
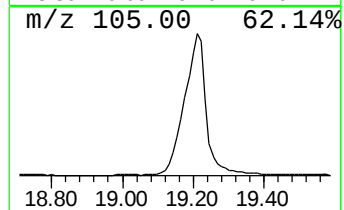
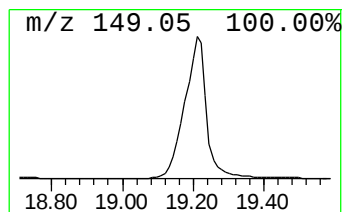
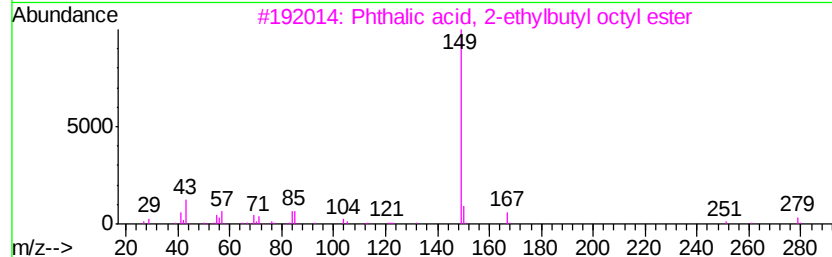
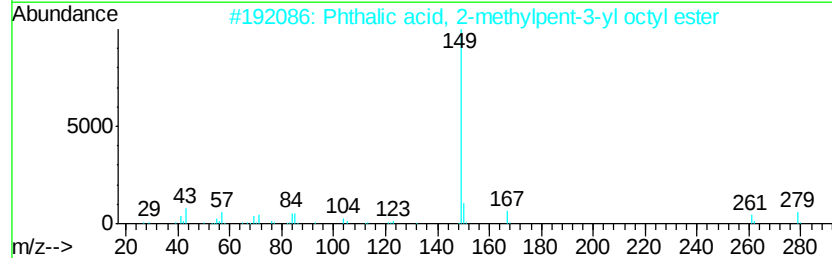
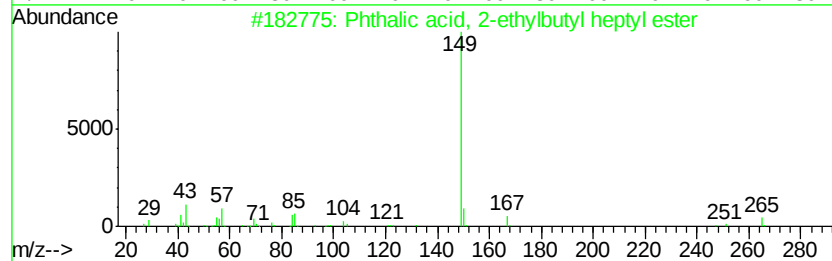
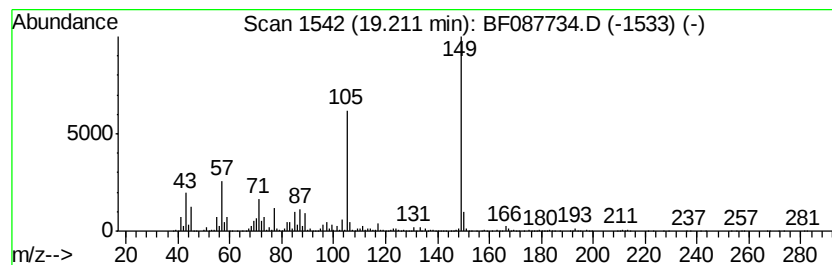
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Phthalic acid, 2-ethylbutyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	259.67 ng	9415100	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, 2-ethylbutyl hept...	348	C21H32O4	1000356-89-2	53
2		Phthalic acid, 2-methylpent-3-yl...	362	C22H34O4	1000356-91-3	53
3		Phthalic acid, 2-ethylbutyl octyl...	362	C22H34O4	1000356-89-3	53
4		Phthalic acid, 2-fluorophenyl pe...	470	C29H39FO4	1000356-50-2	53
5		Phthalic acid, 3-fluorophenyl he...	498	C31H43FO4	1000356-66-2	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
 Data File : BF087734.D
 Acq On : 6 Jun 2016 4:21
 Operator : UM/SJ
 Sample : H3397-02
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFFWW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol, 2-butoxy-	5.87	375.8	ng	11988200	1	6.86	637962	20.0
1-Hexanol, 2-ethyl-	6.98	467.5	ng	14913700	1	6.86	637962	20.0
1-Decene	9.76	122.7	ng	16303400	3	9.91	2656970	20.0
1-Octadecanesulph...	10.95	644.5	ng	23204400	4	11.38	720050	20.0
1-Hexadecanol	11.62	109.1	ng	3928050	4	11.38	720050	20.0
Ethanol, 2-(dodec...	11.82	233.9	ng	8421430	4	11.38	720050	20.0
Diethylene glycol...	12.13	407.9	ng	14684500	4	11.38	720050	20.0
Hexaethylene glycol	14.89	243.7	ng	8836260	6	15.46	725147	20.0
Oxiraneoctanoic a...	15.18	273.8	ng	9928530	6	15.46	725147	20.0
unknown15.38	15.38	270.0	ng	9790200	6	15.46	725147	20.0
2,4-Dimethyl-3-ph...	15.68	460.0	ng	16680000	6	15.46	725147	20.0
2-[2-[2-[2-[2-[2-...	15.92	193.1	ng	7002700	6	15.46	725147	20.0
Phthalic acid, 3-...	16.64	227.9	ng	8264140	6	15.46	725147	20.0
Phthalic acid, do...	17.07	429.9	ng	15587000	6	15.46	725147	20.0
2-[2-[2-[2-[2-[2-...	17.42	115.1	ng	4171690	6	15.46	725147	20.0
8-Octadecenal	18.17	150.7	ng	5465550	6	15.46	725147	20.0
Phthalic acid, 4-...	18.55	137.2	ng	4973220	6	15.46	725147	20.0
1-Dodecanol, 2-oc...	19.02	113.1	ng	4101370	6	15.46	725147	20.0
Phthalic acid, 2-...	19.21	259.7	ng	9415100	6	15.46	725147	20.0